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Legal Aspects of Industry- University Interactions

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University-Industry Linkages

- **Many informal, but few formal links**
- **Insufficient capacity to map the demand of the application sphere**
- **Lack of relevant demand for applicable results of R&D**
- **Active support of mutual communication of both sectors**





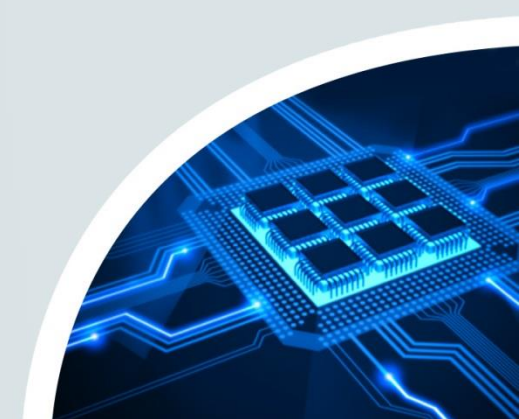
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Knowledge Transfer Strategy

- **Internal R&D and commercialisation strategies**
- **Ministry for Education, Youth and Sports – universities and public research institutions**
- **Ministry for Industry and Trade – SMEs and large industry**
- **Establishment of Technology Transfer Offices (TTOs) in the universities and necessary skills and knowledge**

Knowledge Transfer Revenues

- **Knowledge transfer revenues at HEIs**
 - 82% contract research**
 - 8% consulting services**
 - 8% training courses**
 - 2% sale of licences**
- **Important source of R&D funding mainly for technical universities**
- **Marginal funding source for large traditional universities**



Case study – Main Findings

- **Palacký University Olomouc (UPO) – large traditional university**
- **University of Chemistry and Technology, Prague (UCT) – smaller technical university**
 - highest participation in collaborative research projects
 - lower number of applied R&D results
- **Technical University of Liberec (TUL) – regional university**
- **KT activities are managed by faculties and institutes**
- **Efforts to concentrate KT activities in a designated transfer centre (UPO) or to diversify the range of services (UCT)**
- **Trans-regional cooperation**





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Legal Measures Supporting Knowledge Transfer Development

- **Universities are not legally required to define knowledge transfer as a strategic mission**
- **Universities are legally required to formulate a knowledge transfer strategy**
 - rather vaguely formulated; no firm sanctions
- **Funding of universities depends on having a knowledge transfer strategy**
 - rather indirect; depends on overall management



Legal Measures for IP Policies and Procedures

- **Universities are legally required to establish policies and procedures for IPRs management**
 - Can influence the over-all assessment of PRO performance and the funding
 - Number of patents and patent applications
 - Publication of IP policies is not a legal requirement
- **Authorities have limited possibilities of assessing the efficiency of IP management**
- **No strict reliance on the private sector**





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Mobility of Researchers and Other Forms of Cooperation

- **Cooperation on educational activities**
 - Mostly informal, workshops, follow-up activities
 - No direct long-time funding project
- **TUL – Master-degree programme**
- **UPO – Science and Technology Park**
- **TUL – support to young entrepreneurs**



Funding and Other Support Instruments

- **Operational Programmes (2007–2013)**
 - network of technology transfer offices; set of guidelines for effective KT; endorsement of pre-seed activities
- **Operational Programme Research, Development and Education (2014 – 2020)**
 - Long-term inter-sectoral mobility – call to be launched in 2016
 - Further enhancement of TTOs – call launched in January 2016
- **New methodology for evaluation of research organisations and institutional funding (2017+)**
 - Encourages the public research organisations to cooperate with private sector





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Thank you for your attention

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